INDEX TO VOL. XXX (B)

AUTHORS' INDEX

Acharya, B. N.	..	*See* Das and others.
Ali, Syed Muzammil	..	Studies on the anatomy of the tail in Sauria and Rhynchocephalia, III, 155.
Aziz, M. A.	..	*See* Newman and others.
	..	*See* Ranganathan and others.
Bhattacharya, P. B.	..	*See* Khanna and others.
Chacravarti, A. S.	..	*See* Khanna and Chacravarti.
Das, B. R. S., Acharya, B. N., and Devadatta, S. C.		Studies in fish liver oils, II, 299.
Deolalkar, Sudha	..	*See* Sahadeo and others.
Devadatta, S. C.	..	*See* Das and others.
Dhareshwar, S. R.	..	*See* Trehan and others.
Gates, G. E.	..	On some Indian ocnerodrilids, 279.
George, M. J.	..	Early stages in the development of *Sacculina* sp., parasitic on *Neptunus sanguinolentus* from Madras, 207.
Giri, K. V.	..	*See* Sahadeo and others.
Giri, K. V., Rao, P. Seshagiri, and Rahman, A.		Influence of vitamin C and oxidising agents on prothrombin, 316.
Gopalakrishna, A.	..	Studies on the embryology of michrochiroptera, III, IV, 17, 226.
Gupta, S. R. Sen, Saxena, B. B. L., and Mukerjee, A. N.		A method for the determination of cellulose destroying indices of bacteria, 57.
Haq, S. S., Misra, J. N., and Ranganathan, S. K.		Studies in contact toxicity, III, 284.
Khanna, K. L., and Chacravarti, A. S.		Studies in storage of gur, I, 99.
Khanna, K. L., and Sharma, S. L.		Lower epidermis of leaf midrib as an indicator of its hardness in sugarcane, 307.

Khanna, K. L., Prasad, S. N., and Bhattacharya, P. B. — Improvements in colorimetric determinations, II, 11.

Koshi, T. .. — *See* Newman and others.

.. — *See* Ranganathan and others.

Kostoff, Dontcho .. — Homozygous translocation obtained in the second generation from material treated with neutrons, 259.

Krishnaswamy, N., Raman, V. S., and Madhavamenon, P. — Abnormal meiosis in *Pennisetum typhoides*, I, 195.

Kumar, L. S. S., Solomon, S., and Rao, M. V. V. — Preliminary studies in the use of synthetic hormones as weed-killers in the Bombay Province, 243.

Madhavamenon, P. .. — *See* Krishnaswamy and others.

Menon, M. Krishna .. — The larval stages of *Periclimenes* (*Periclimenes*) *indicus* Kemp, 121.

Misra, J. N. .. — *See* Haq and others.

Mukerjee, A. N. .. — *See* Gupta and others.

Murthy, S. N. Krishna .. — *See* Subramaniam and Murthy.

Newman, J. F., Aziz, M. A., and Koshi, T. — Studies in contact toxicity, I, 61.

Prasad, S. N. .. — *See* Khanna and others.

Rahman, A. .. — *See* Giri and others.

Raman, V. S. .. — *See* Krishnaswamy and others.

Ranganathan, S. K. .. — *See* Haq and others.

Ranganathan, S. K., Aziz, M. A., Koshi, T., and Sankaran, V. — Studies in contact toxicity, II, 176.

Rao, M. V. V. .. — *See* Kumar and others.

Rao, P. Seshagiri .. — *See* Giri and others.

.. — *See* Sahadeo and others.

Rao, T. Ananda .. — *See* Subramanyam and Rao.

Sahadeo, M. A., Rao, P. Seshagiri, Deolalkar, Sudha, and Giri, K. V. — Vitamin C content of lucerne and the factors controlling its stability, 331.

Sankaran, V. .. — *See* Ranganathan and others.

Saxena, B. B. L. .. — *See* Gupta and others.

Sharma, S. L. .. — *See* Khanna and Sharma.

Simlote, K. M.	..	A study of genetic variability in Central India durum wheats, 1.
Singh, Inderjit	..	*See* Singh and Singh.
Singh, Inderjit, and Singh, Sunita Inderjit		The effect of asphyxia on the response of unstriated muscle to ions and drugs, 168.
	..	The interrelation between the various metabolic mechanisms in unstriated muscle, 215.
Singh, Sunita Inderjit	..	*See* Singh and Singh.
Singh, Sunita Inderjit, and Singh, Inderjit		The action of ions and drugs on the effects of asphyxia on the mechanical response of unstriated muscle, 47.
	..	Reactions of fatigued unstriated muscle and their relation to those of cardiac muscle, 95.
	..	A separate contractile mechanism for tonus in unstriated muscle, 263.
	..	The action of various substances on the contractile mechanism of unstriated muscle, 270.
	..	Active elongation of unstriated muscle during inhibition, accommodation and relaxation, 343.
Solomon, S.	..	*See* Kumar and others.
Sreenivasan, P. S.	..	A study of cotton grown under constant soil moistures, I, II, 134, 249.
Subramaniam, A. P.	..	A petrographic study of the alkaline rocks at Sivamalai, 69.
Subramaniam, M. K., and Murthy, S. N. Krishna		Effect of acenaphthene on yeast strains of different genic and chromosomal constitutions, 185.
Subramanyam, K., and Rao, T. Ananda		Foliar sclereids in some species of *Memecylon* L., 291.
Talgeri, G. M.	..	*See* Trehan and others.
Trehan, K. N., Talgeri, G. M., and Dhareshwar, S. R.		Control of "red ants" (*Oecophylla smaragdina* Fab.), 338.

TITLE INDEX

Bacteria, determination of cellulose destroying indices, a method (Gupta and others), 57.

Colorimetric determinations, improvements, II (Khanna and others), 11.

Cotton grown under constant soil moistures, a study, I, II (Sreenivasan), 134, 249.

Fish liver oils, studies, II (Das and others), 299.

Gur, studies in storage, I (Khanna and Chacravarti), 99.

Hormones, synthetic, use, as weed-killers in the Bombay Province, preliminary studies (Kumar and others), 243.

Leaf midrib, lower epidermis, as an indicator of its hardness in sugarcane (Khanna and Sharma), 307.

Memecylon L., some species, foliar sclereids (Subramanyam and Rao), 291.

Michrochiroptera, embryology, studies, III, IV, 17, 226.

Muscle, unstriated, active elongation, during inhibition, accommodation and relaxation (Singh and Singh), 343.

Muscle, unstriated, contractile mechanism, the action of various substances (Singh and Singh), 270.

Muscle, unstriated, fatigued, reactions, and their relation to those of cardiac muscle (Singh and Singh), 95.

Muscle, unstriated, mechanical response, effects of asphyxia, the action of ions and drugs (Singh and Singh), 47.

Muscle, unstriated, response, to ions and drugs, the effect of asphyxia (Singh and Singh), 168.

Muscle, unstriated, the interrelation between the various metabolic mechanisms (Singh and Singh), 215.

Muscle, unstriated, tonus, a separate contractile mechanism (Singh and Singh), 263.

Neutrons, the second generation from material treated with, homozygous translocation obtained in (Kostoff), 259.

Ocnerodrilids, Indian, on some (Gates), 279.

Pennisetum typhoides, abnormal meiosis, I (Krishnaswamy and others), 195.

Periclemenes (*Periclemenes*) *indicus* Kemp, the larval stages (Menon), 121.

"Red ants", control (*Oecophylla smaragdina* Fab.) (Trehan and others), 338.

Rocks, alkaline, at Sivamalai, a petrographic study (Subramaniam), 69.

Sacculina sp., parasitic on *Neptunus sanguinolentus* from Madras, early stages in the development (George), 207.

Sauria and Rhynchocephalia, tail, anatomy, studies, III (Ali), 155.

Toxicity, contact, studies, I (Newman and others), 61; II (Ranganathan and others), 176; III (Haq and others), 284.

Vitamin C and oxidising agents, influence, on prothrombin (Giri and others), 316.

Vitamin C content of lucerne and the factors controlling its stability (Sahadeo and others), 331.

Wheats, durum, Central India, genetic variability, a study (Simlote), 1.

Yeast strains of different genic and chromosomal constitutions, effect of acenaphthene (Subramaniam and Murthy), 185.